**Fishing Log**

Ocean Group:­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fishers:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Record your group’s catch and fish left in ocean after each season

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Season | High Value Fish | Medium Value Fish | Total | Fish left in ocean |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

What is happening to your marine biodiversity?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Season | High Value Fish | Medium Value Fish | Total | Fish left in ocean |
| 3 |  |  |  |  |
| 4 |  |  |  |  |

Discuss the changes in fishing technology. Are there any oceans running out of fish? What did they do and how did this impact your ocean?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Season | High Value Fish | Medium Value Fish | Total | Fish left in ocean |
| 5 |  |  |  |  |
| 6 |  |  |  |  |

Briefly describe the state of your fish populations:

How could this be impacting the ecosystem in your ocean? What could be the affect to your ocean over time?

Why did we start with fewer big fish than little fish?

Which ones ran out first?

What effects do you think this might have on trophic levels and the food chain?

How will it affect biodiversity?

What happened to the fish populations as “technology” increased?

What other effects might this “technology” have on the ecosystem besides diminishing fish populations?

Attach your graph representing your fish populations over time.